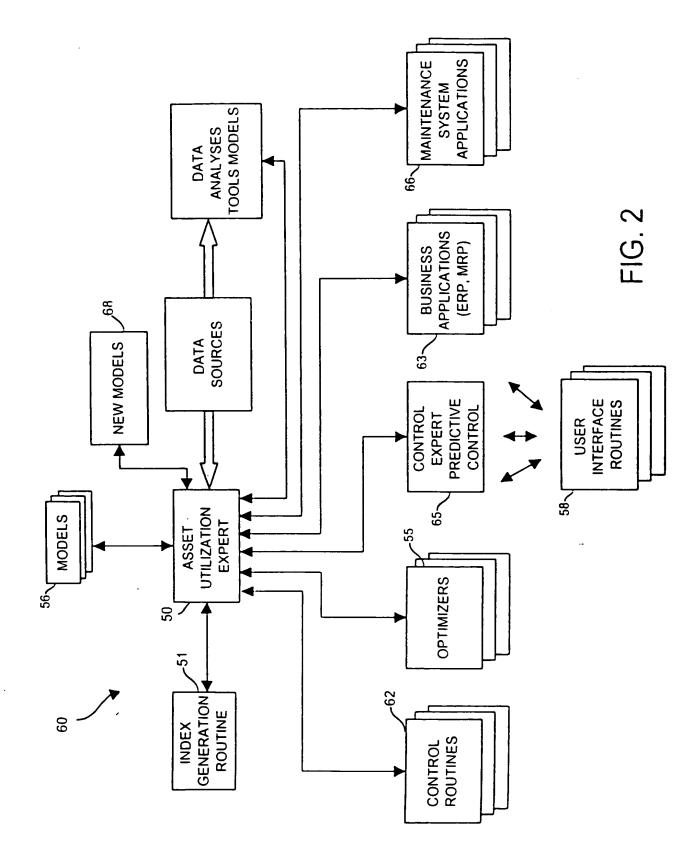
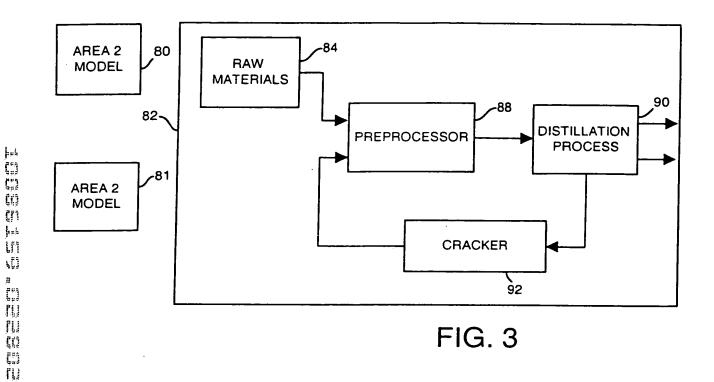


Inventors: Eryurek et al.
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FIG. 4



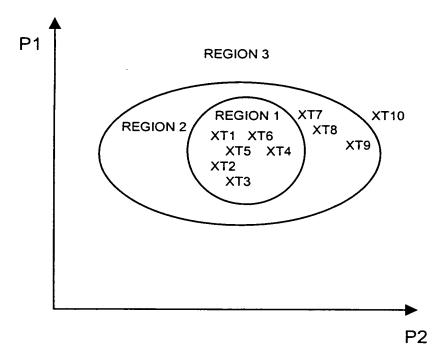


FIG. 5

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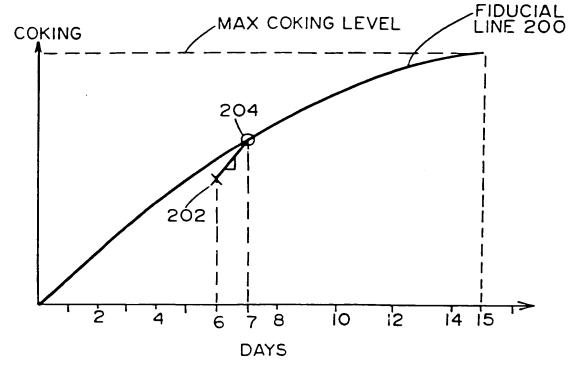


FIG. 6

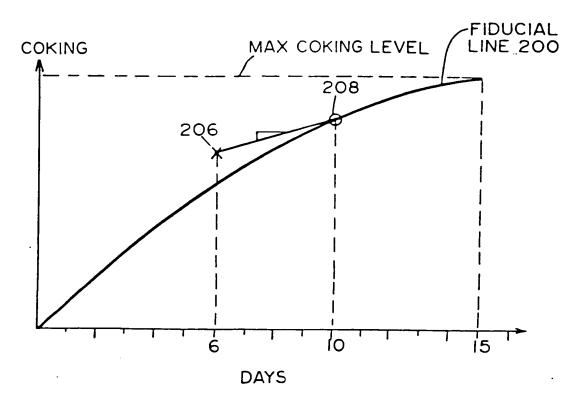
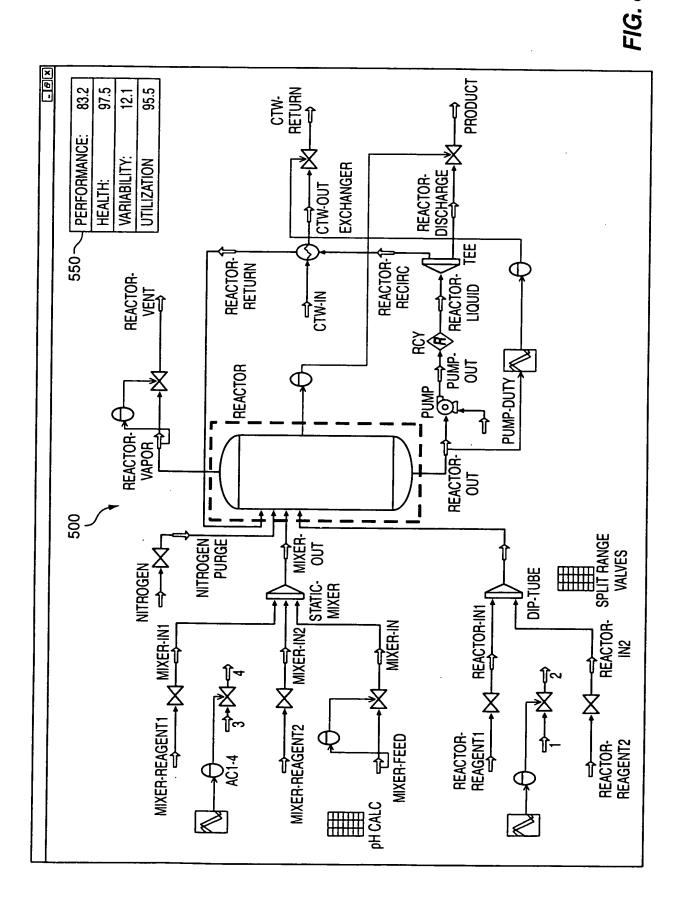


FIG. 7

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	PI	VI	HI	_UI
Unit	×		x	×
Sub Unit	×		×	x
Loop		×	×	×
Device		×	×	

FIG. 9

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Inventors: Eryurek et al.
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PERFORMANCE FOR FCCU: 83.2

	Loop Name	Index	Weight
	FIC-101	88	3
	TIC-111	89	3
- 1	LIC-111	88	3
	FIC-111	60	3
	FIC-112	80	1
	TCI-222	87	1
FIC-101 TIC-111 LIC-111 FIC-112 TIC-222 PIC-111	FIC-101	88	3
	TIC-111	89	3
	LIC-111	88	3
	FIC-111 60		3
	FIC-112	80	1
	TIC-222	87	1
	PIC-111	87	1

FIG. 10

Inventors: Eryurek et al.

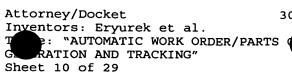
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FCCU Health: 97.5

Device Name	Index	Description	Weight
FV-111	100	Leaking	3
TI-111	98	Sticktion	3
<u>LI-111</u>	90	40	3
MC-101	95	Will burn up in 2 weeks	3
FV-111	96	0	1

FIG. 11





FCCU Variability: 12.1

Device Name	Index	Weight
FV-101	0	3
TI-111	2	3
LI-111	40	3
FV-111	0	3
FV-112	0	1
TI-222	2	1
FI-101	7	3
TI-111	6	3
LI-111	7	3
FI-111	7	3
FI-112	7	1
TI-222	7	1
Sub unit: Reboiler RB101	15	2

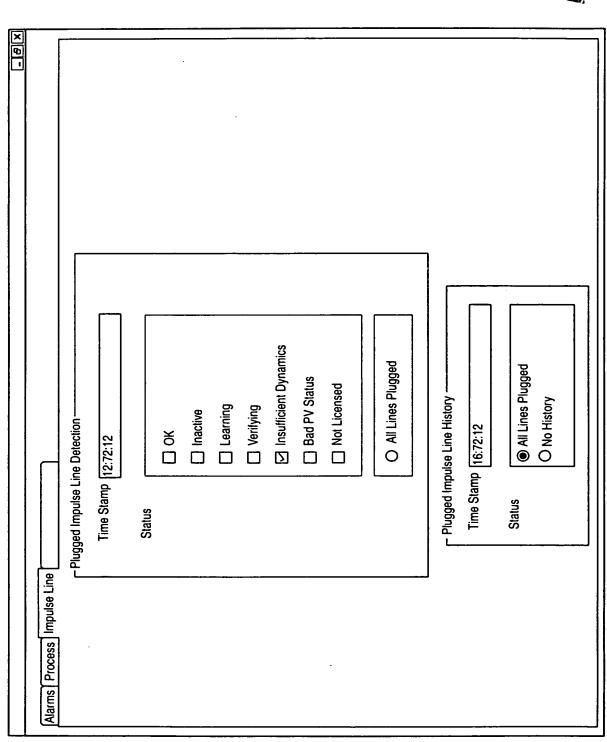
FIG. 12

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Inventors: Eryurek et al.
Tit "AUTOMATIC WORK ORDER/PARTS ORD
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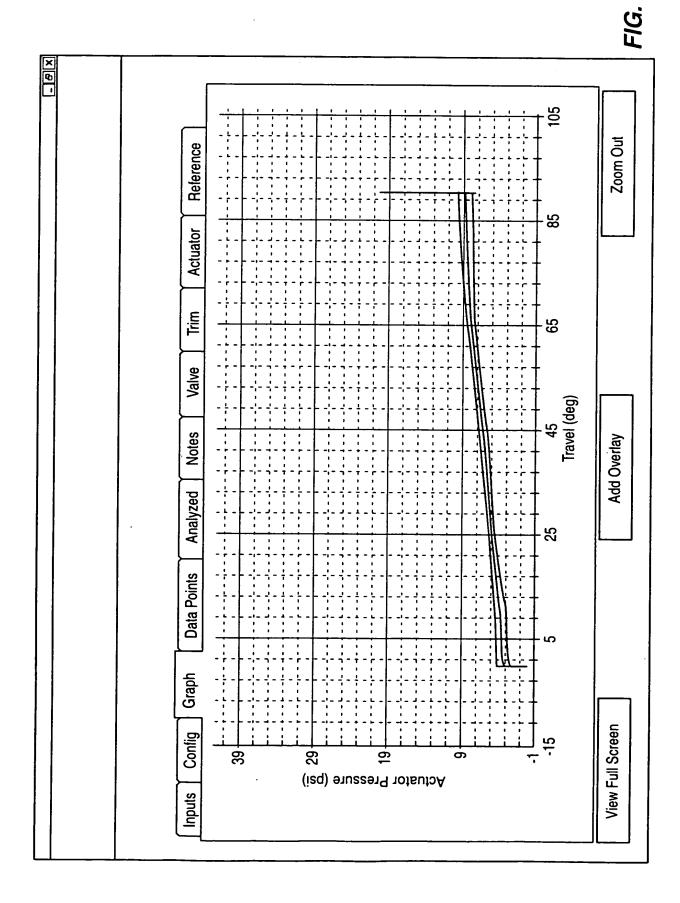
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FIG. 13



Attorney/Docket 30203/38231
Inventors: Eryurek et al.
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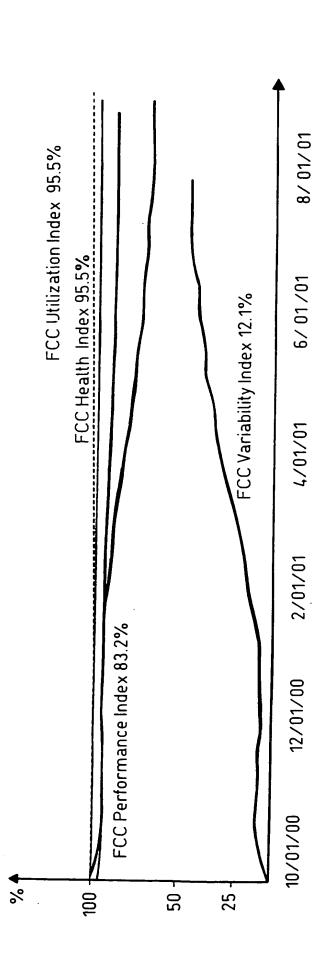
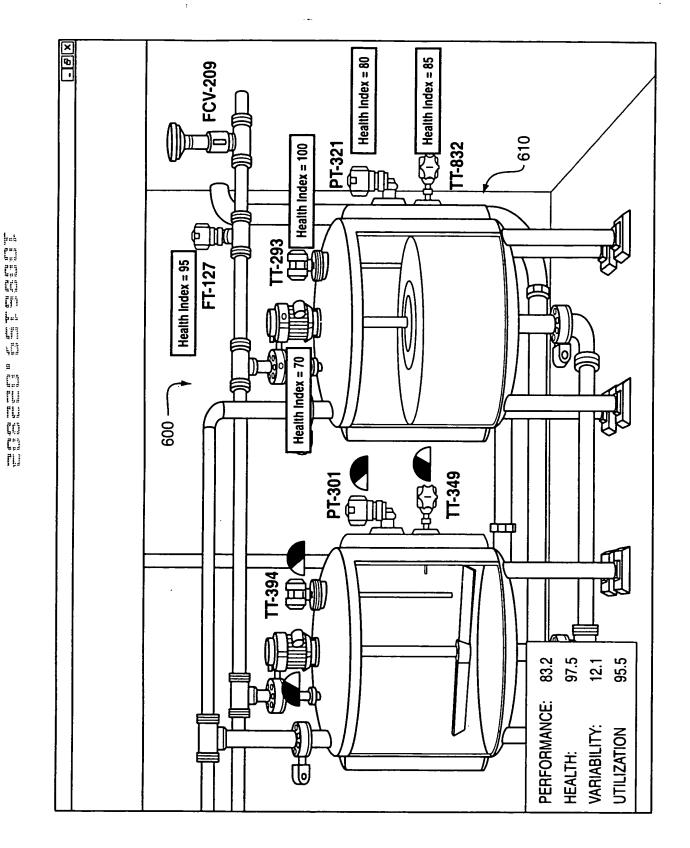


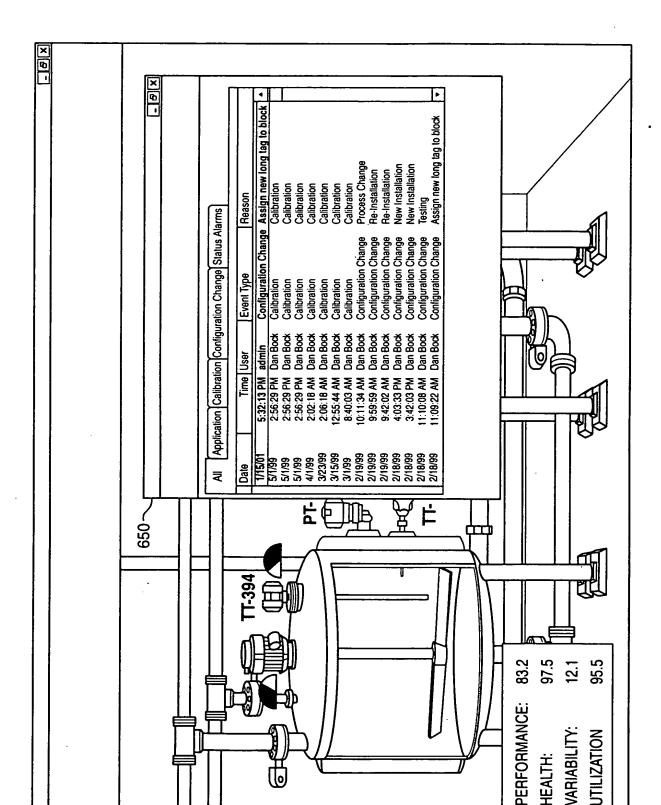
FIG. 15





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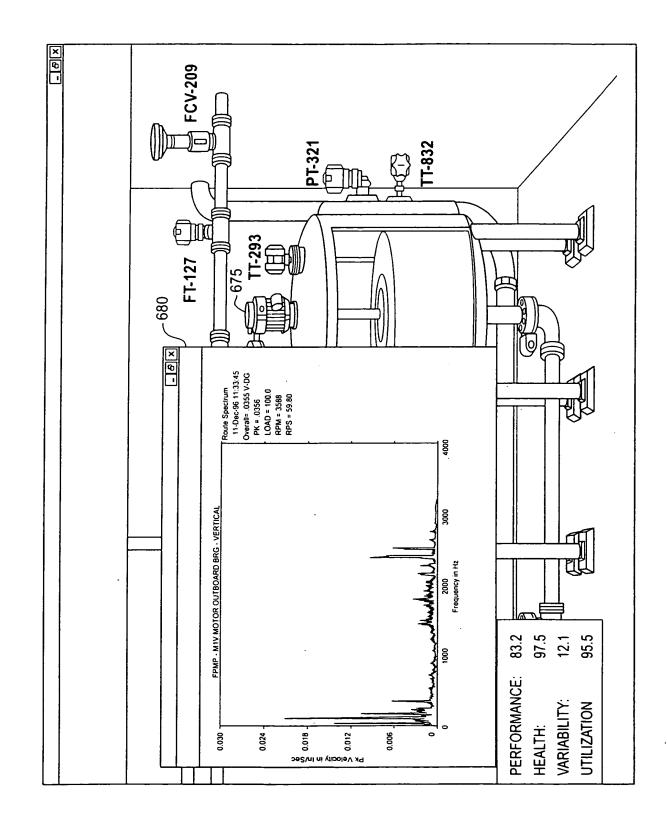
Inventors: Eryurek et al.
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G. RATION AND TRACKING"

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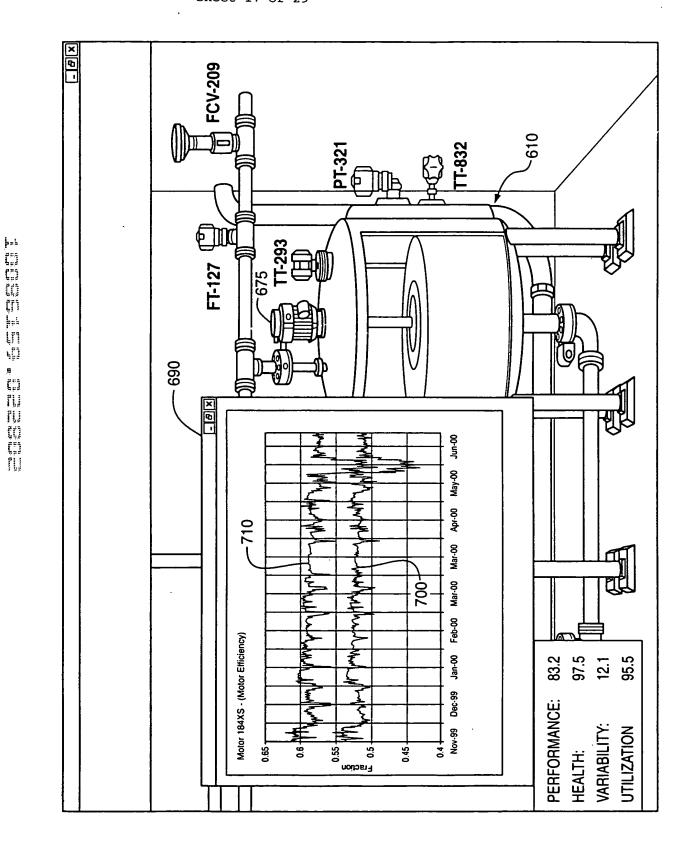
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Inventors: Eryurek et al.
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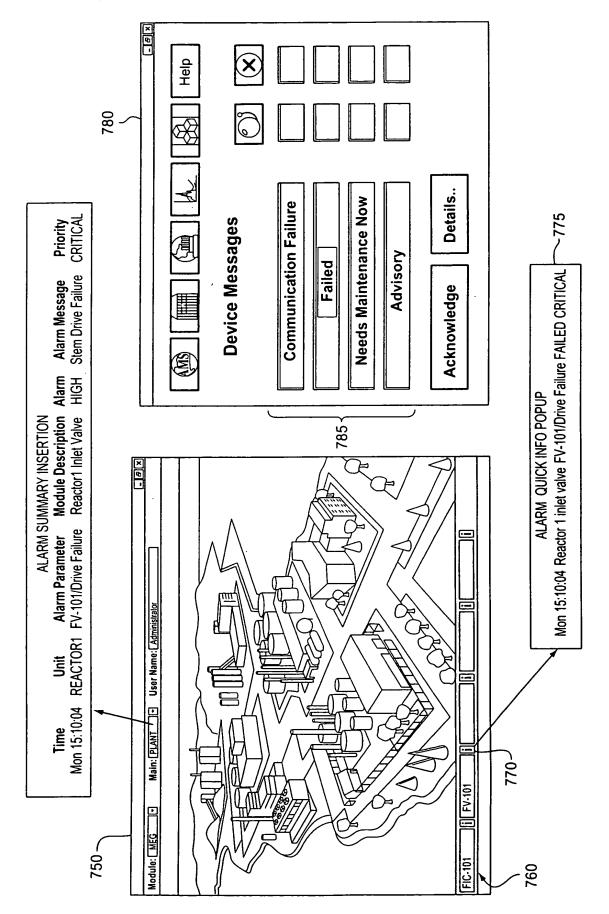


FIG. 20

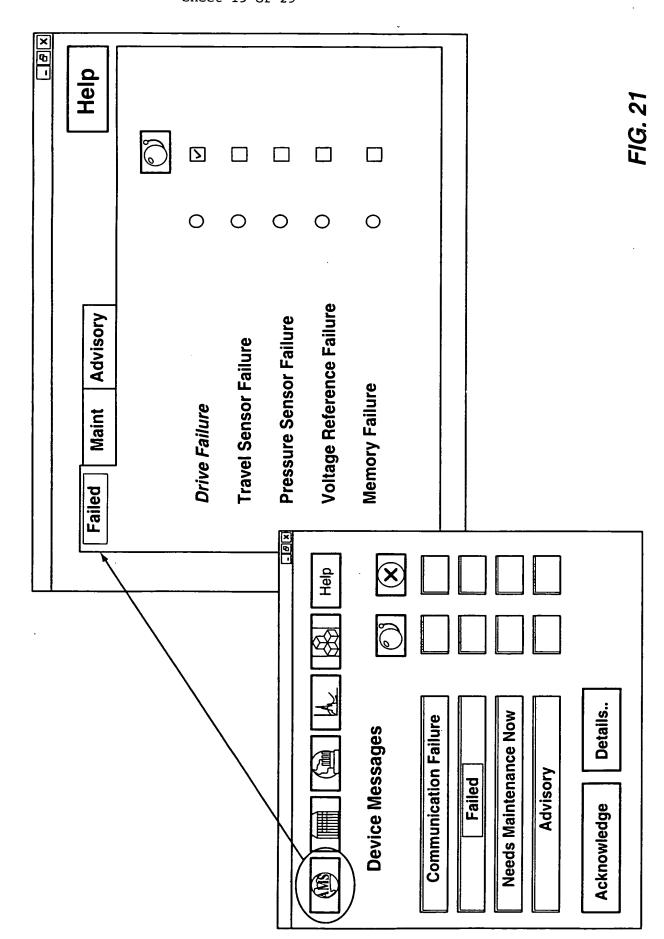
Inventors: Eryurek et al.

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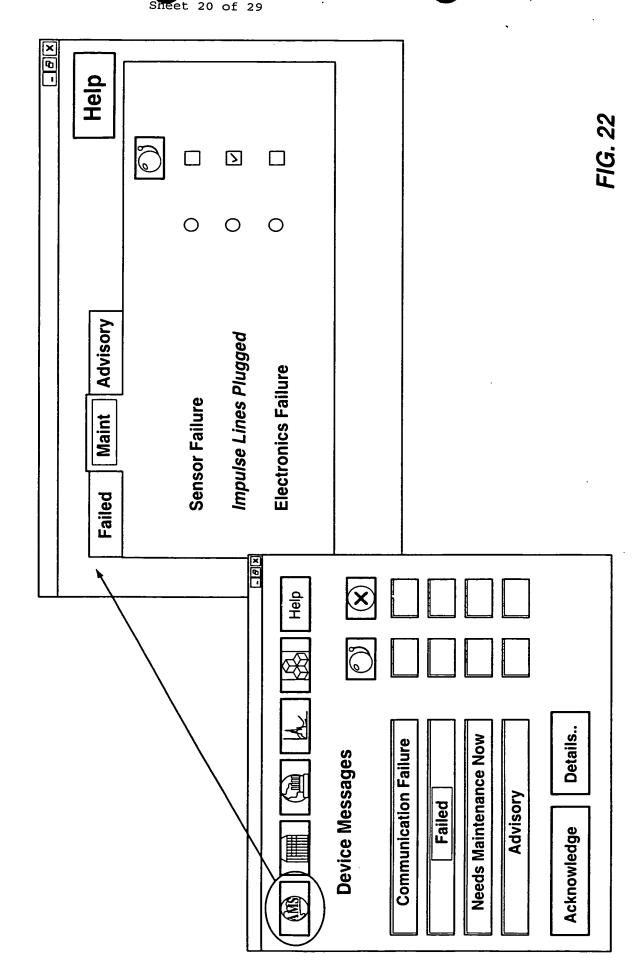
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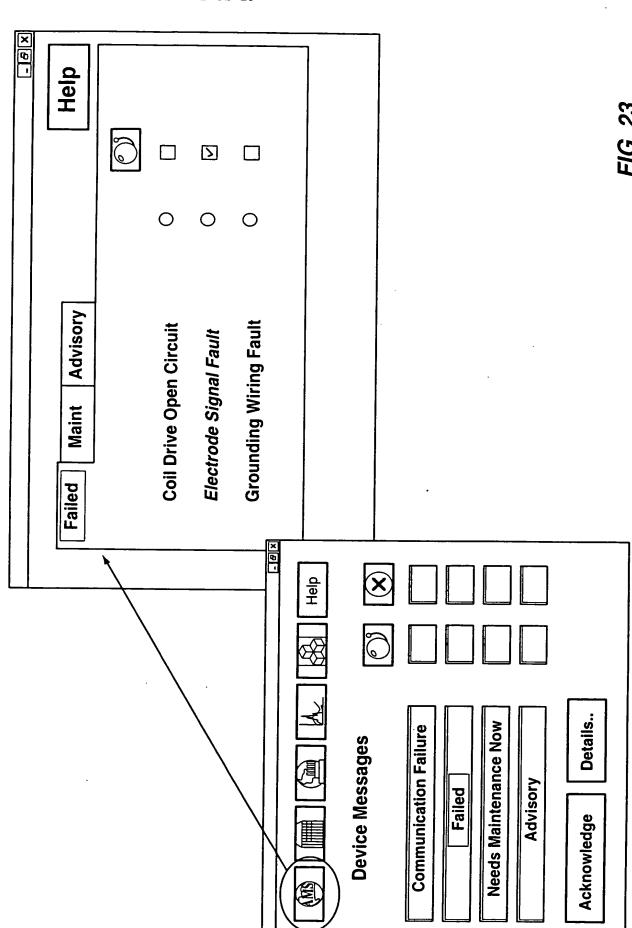




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ON AND TRACKING"

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The flow signal has been compromised. The process variable is likely reading Electrode Signal Fault Detected

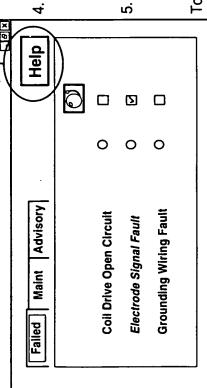
1. Remove any moisture or contamination in the flowtube terminal block or, if applicable, the sealed electrode compartments.

less than expected

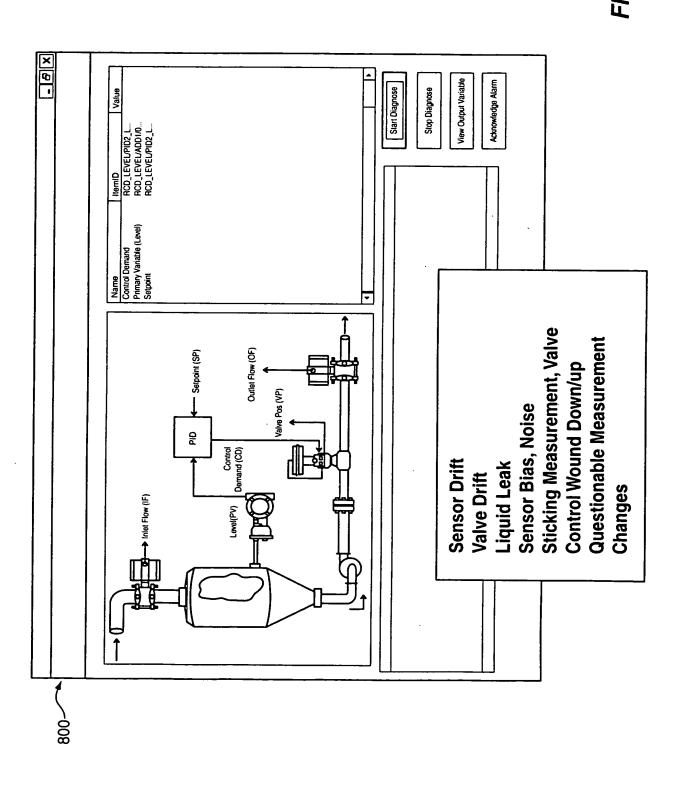
WARNING! The electrode compartment may contain line pressure. Reomoving the cover before depressurizing may result in death or serious injury

- electrode (18 or 19) is greater than 2 kohms and rises. For more detailed reading between coil ground (ground symbol) and coil (1 or 2) is infinity Confirm the resistance reading between electrode ground (17) and an Perform flowtube electrical resistance tests. Confirm the resistance information, consult the flowtube product manual.
- electrode, grounding rings with grounding straps, or lining protector with Verify flowtube is electrically connected to the process with grounding grounding straps. က
- dial on the 8714 should be set at 9.1 m/s (30 ft/sec). The transmitter should Verify transmitter electronics with Model 8714 reference standard. The be set up with the nominal flowtube calibration number (1000015010000000) and 5 Hz coil drive frequency
- the flowtube. Corresponding terminal block numbers in the flowtube and Properly connect the wiring between the flowtube and the transmitter on transmitter must be connected. Ŋ.

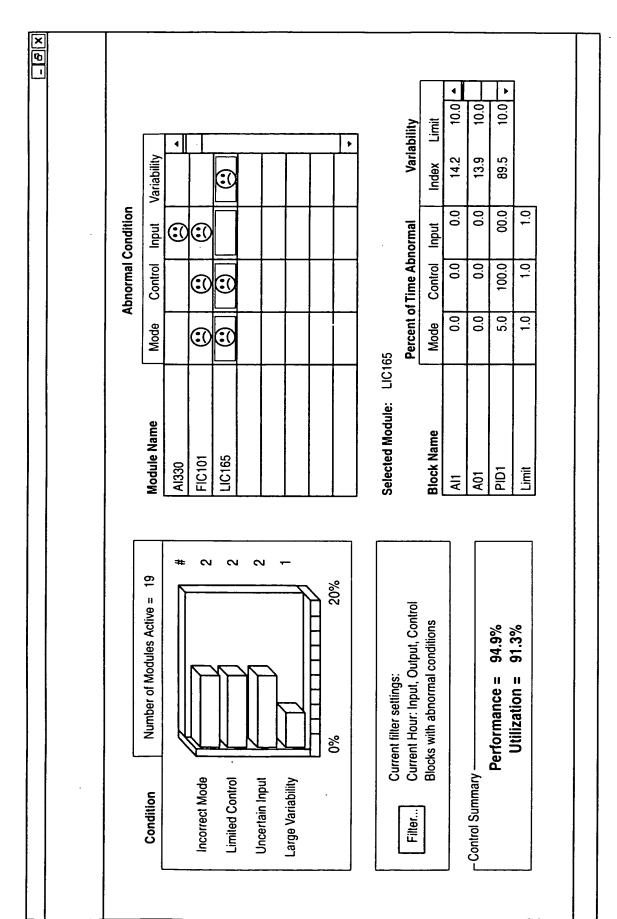
To turn off electrode signal fault detection, go to the diagnostic screen in the ransducer block properties.



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× & -Equipment Up? Y WO Priority Loc/Eq Priority Work Type EM Warranty Date Date 8/18/00 1 By Maximo Has Follow-up Work? N Originating WO Supervisor Labor Group Lead Craft/Person Charge to Store? N Follow-up Work Responsibility Work Order Plans Actuals Costs WO Hierarchy Safety Plan Failure Reporting Linked Documents Modified Work Phone Interruptible? Completion 8/18/00 11:42AM Reported By 8/18/00 1 7 Status Date 8/18/00 1 7 AMS Business Development Cubicle Crew Rosemont 3044C in BD Cube Failure Class Problem Code SENSOR MEASUREMENT Problem Target 8/18/00 11:42AM Start PM AMS10130 /-Actual Estimated Duration [Scheduled Remaining Duration Location BDCUBE Reported By MAXIMO Scheduling Information Equipment TT-111 Status WSCH Job Plan Safety Plan Service Contract Work Order 1194 GL Account Job Details Work Orders Purchasing Equipment Resources Calendars Modules Inventory Custom Apps Plans Utilities Labor Setup

FIG. 27

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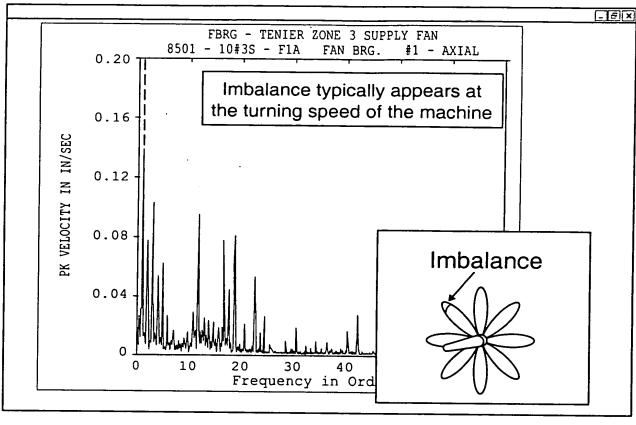


FIG. 28

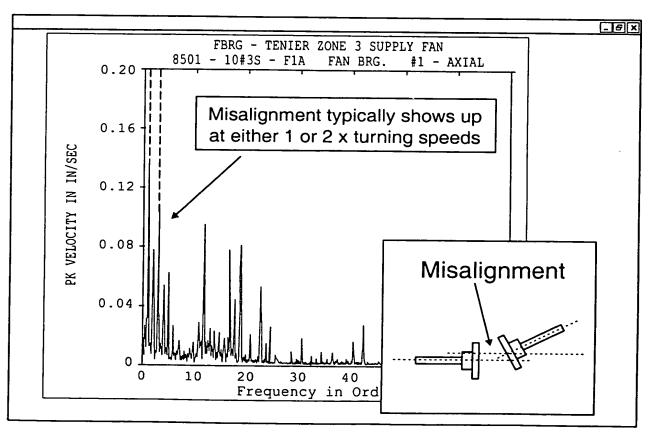


FIG. 29

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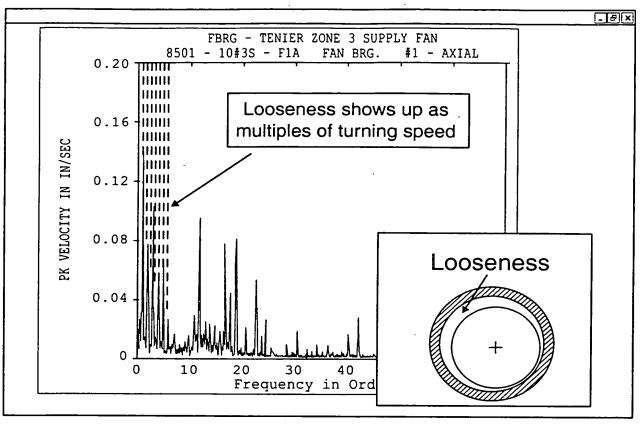


FIG. 30

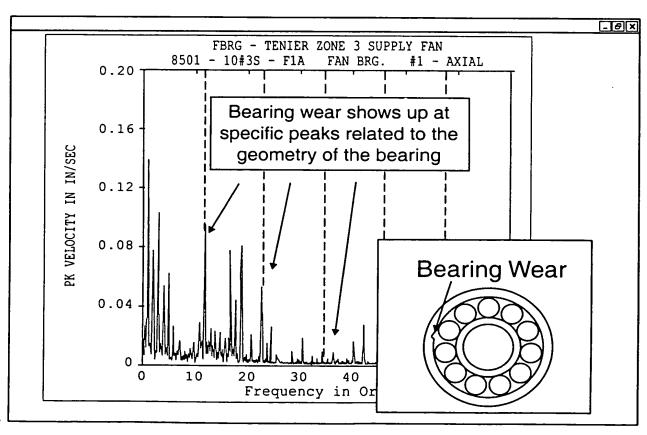


FIG. 31

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Inventors: Eryurek et al.
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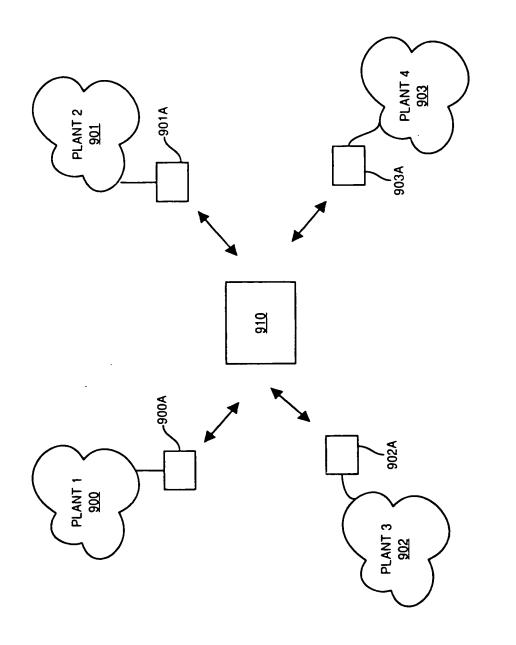


FIG. 32

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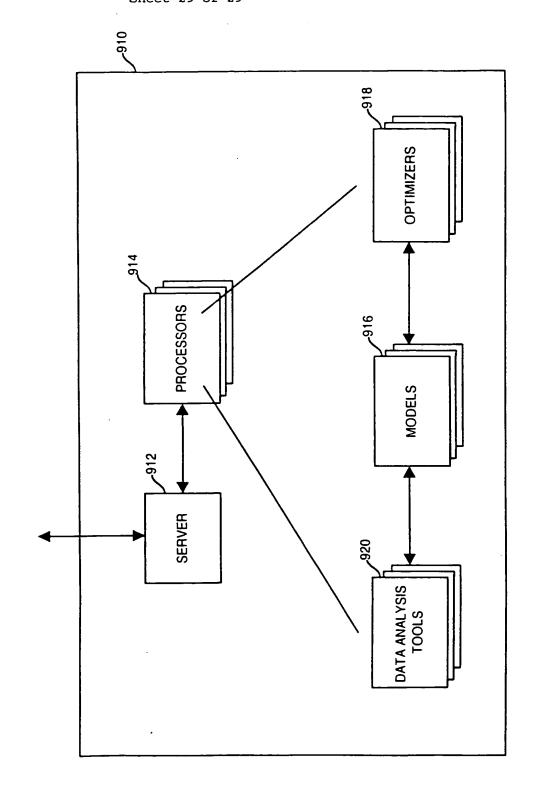


FIG. 33